

OPTICAL ACQUISITION SYSTEMS FOR  
DIRECT-TO-DIGITAL HOLOGRAPHY AND HOLOVISION

ABSTRACT OF THE DISCLOSURE

Optical acquisition systems for direct-to-digital  
holography are disclosed. The system includes an  
illumination lens for focusing a reference beam and a  
5 beam splitter optically coupled to the illumination lens  
by the reference beam. A reference mirror is located at  
a waist of the reference beam and operates to eliminate a  
reference objective.